Title (en)
Vehicle control system

Title (de)
Fahrzeugsteuersystem

Title (fr)
Système de commande de véhicule

Publication
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Application
EP 03003616 A 20030217

Priority
JP 2002040679 A 20020218

Abstract (en)
[origin: EP1336773A2] In a case where a vehicle stops and a brake sensor is ON, a stop control of an engine (2) is started at a point in time, and when an engine rotational speed becomes equal to or less than a predetermined rotational speed threshold value at a point in time, an electric oil pump (8) is driven based upon an electric oil pump voltage. An input clutch oil pressure based upon an oil pressure supplied by the electric oil pump at this time is set as a standby pressure to be less than a line pressure supplied by the engine during idling and equal to or greater than an engagement start pressure by which the clutch starts transmitting a torque. When there is a start requirement at a point in time and driving of the motor is started, the engine as well as a mechanical oil pump (7) are also driven and an oil pressure supplied by the mechanical oil pump is added to the standby pressure, therefore, it is possible to transmit a driving force of the motor and the engine to a driven wheel without slipping the clutch.

IPC 8 full level
B60W 10/04 (2006.01); F16H 61/00 (2006.01); B60K 6/20 (2007.10); B60K 6/485 (2007.10); B60K 6/547 (2007.10); B60L 50/16 (2019.01); B60W 10/00 (2006.01); B60W 10/06 (2006.01); B60W 10/08 (2006.01); B60W 10/10 (2012.01); B60W 10/11 (2012.01); B60W 10/115 (2012.01); B60W 10/30 (2006.01); B60W 20/00 (2016.01); F02D 17/00 (2006.01); F02D 29/00 (2006.01); F02D 29/02 (2006.01); F16H 61/02 (2006.01); F16H 61/20 (2006.01); F16H 61/68 (2006.01); F16H 61/684 (2006.01); F16H 61/686 (2006.01); F16H 63/40 (2006.01); F16H 63/50 (2006.01); F02N 11/08 (2006.01); F16H 3/66 (2006.01); F16H 59/14 (2006.01); F16H 59/24 (2006.01); F16H 59/36 (2006.01); F16H 59/42 (2006.01); F16H 59/54 (2006.01); F16H 59/68 (2006.01); F16H 59/74 (2006.01)

CPC (source: EP US)
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